

Argus Refinery Gate Values: A crucial piece of the crude supply chain puzzle

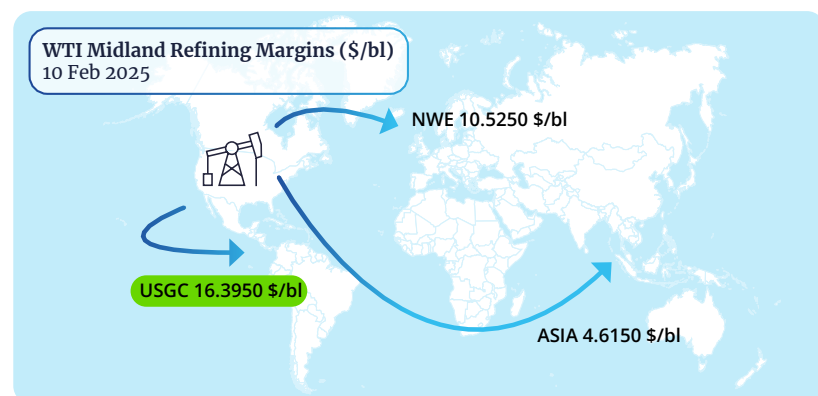
Unlock the true value of your crude
or choose the best crude for your refinery



Argus Refinery Gate Values (RGVs) provide dynamic product yield-based values for over 180 crudes at five refining locations around the world. They combine Argus' refined product and energy input prices, an up-to-date crude assay library and the PIMS refining model to show what each crude is worth at regionally typical refineries of complex and simple configurations in Northwest Europe, the Mediterranean, Singapore and the US Gulf and West coasts.

RGVs can in turn be combined with Argus crude price and tanker freight rate assessments to give a full picture of the crude supply chain, and unlock valuable insights for crude producers, refiners and traders alike

I The WTI exporter: "Where is my crude most in demand?"



Crude Producers

A producer or trader can decide where to target its crude.

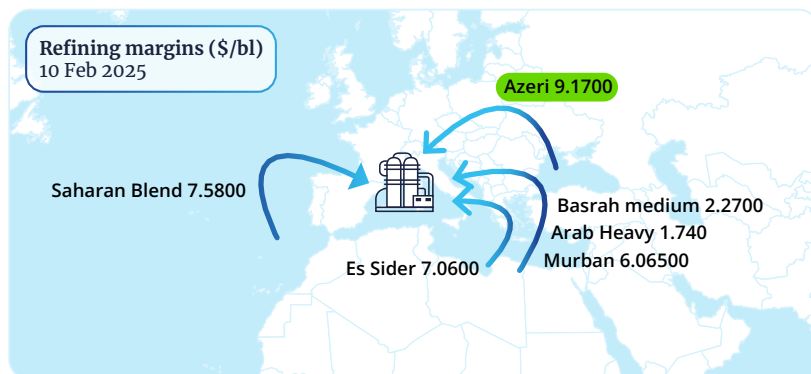
- **Maximise Profitability:** Take your share of the margin by identifying the most lucrative markets for your crude.
- **Strategic Targeting:** Determine the best destinations for your crude based on comprehensive Argus RGVs, plus crude and freight data.
- **Stay Competitive:** Adjust your strategies by comparing your crude's RGVs with those of competitors' grades.

I The Mediterranean refiner: "Which crude provides me the best margin?"

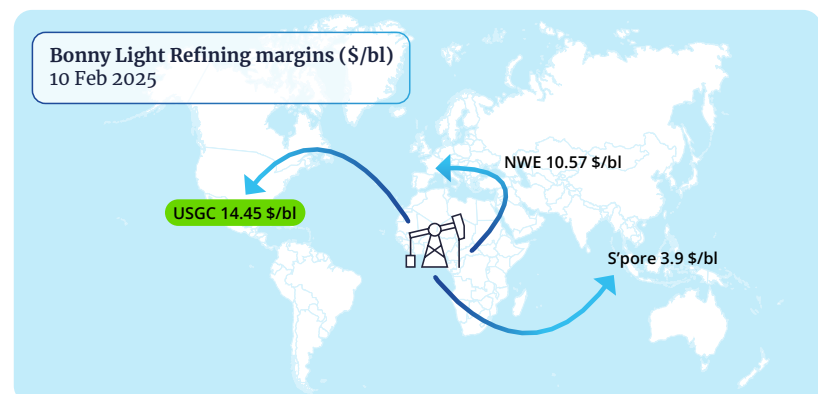
Refiners

A refiner can compare various grades to see which offers the best return.

- **Maximise Returns:** Compare different crude grades to identify the best margin, using Argus Crude, Tanker Freight and RGVs datafeeds.
- **Refining efficiency:** Use RGVs to analyse refining processes and improve profitability.
- **Comprehensive Coverage:** Benefit from Argus' extensive RGVs data across multiple refining configurations and regions.



I The National Oil Company: "How can I price my crude competitively?"



National Oil Companies

National oil companies can determine how to adjust their official selling prices by looking at their RGVs and competitors' crudes.

- **Competitive Pricing:** Adjust your official selling prices based on RGV comparisons with competitors.
- **Market Positioning:** Use RGVs with Argus Crude and Tanker freight rates to position your crude in the global market strategically.
- **Informed Decisions:** Make data-driven decisions to enhance your market presence and profitability.

Key Features

Argus produces 1,850 daily RGVs, calculated from 185 crudes, 5 regions and 2 refining models

5 Regions: NWE, USGC, USWC, Singapore, and the Med

2 Refining models: simple and complex

Historical data is available from January 2025

What are RGVs?

Refinery Gate Values (RGVs) are the value of a given type of crude based on the prices of the products that can be made from it minus the cost of processing.

RGVs are powerful tools for crude producers, traders, refiners, and analysts as they can quickly show where a crude has the most value. Argus covers the market prices of crudes at their source and the cost of freight to get the oil to key refining centres. If one knows those two elements and the RGV, one can work out the refining margin, which, at a glance, shows how profitable it is to refine the crude at that location.

In simple terms: Argus RGV – (Argus Crude price + Argus Freight price) = Indicative Refinery Margin

Key processes modelled

Process	Northwest Europe		Mediterranean		Asia-Pacific		US Gulf/US West Coast	
	Complex	Simple	Complex	Simple	Complex	Simple	Complex	Simple
Atmospheric Distribution	•	•	•	•	•	•	•	•
Vacuum Distillation	•	•	•	•	•	•	•	•
Visbreaker	•	•	•	•	•	•	•	•
Fluid catalytic cracker	•		•		•		•	
Coker					•		•	
Hydrocracker	•		•				•	
Hydrogen Plant	•	•	•	•			•	•
Desulphurisation	•	•	•	•	•	•	•	•
Continuous cat reformer	•	•	•	•	•	•	•	•
Isomerisation (TIP)	•	•	•	•	•	•	•	•
Alkylation	•	•	•	•	•	•	•	•
MTBE	•	•	•	•	•	•		•

How to access

Service delivery

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Contact Argus sales

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